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## PATENT COOPERATION TREATY

NOV 27 2004

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITYBingham McCutchen  
IP Docket Dept.

To:  
SANDRA P. THOMPSON  
BINGHAM McCUTCHEN LLP  
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SAN FRANCISCO, CA 94111

**PCT****NOTIFICATION OF TRANSMITTAL OF  
INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

(PCT Rule 71.1)

Date of Mailing  
(day/month/year) **22 NOV 2004**

Applicant's or agent's file reference 7036456001-3217338		<b>IMPORTANT NOTIFICATION</b>	
International application No. PCT/US03/19101	International filing date (day/month/year) 18 June 2003 (18.06.2003)	Priority date (day/month/year) 18 June 2002 (18.06.2002)	
Applicant  PURCELL SYSTEMS, INC.			

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

**RECEIVED**

NOV 30 2004

BINGHAM McCUTCHEN

By: *James R. Matthews*

Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer <i>For Gregory D Thompson</i> <i>James R. Matthews</i> Telephone No. (703) 308-0658
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Form PCT/IPEA/416 (July 1992)

PATENT COOPERATION TREATY

REC'D 24 NOV 2004

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 7036456991-3217338		<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US03/19101	International filing date (day/month/year) 18 June 2003 (18.06.2003)	Priority date (day/month/year) 18 June 2002 (18.06.2002)	
International Patent Classification (IPC) or national classification and IPC IPC(7): H02B 1/00 and US Cl.: 307/150 ; 324/110,659 ; 361/659-671			
Applicant PURCELL SYSTEMS, INC.			

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

☒ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 4 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 20 January 2004 (20.01.2004)	Date of completion of this report 23 August 2004 (23.08.2004)
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer Gregory D Thompson <i>7m James R. Matthews</i> Telephone No. (703) 308-0658

**I. Basis of the report****1. With regard to the elements of the international application:\***☐ the international application as originally filed.☒ the description:pages 1-17 as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.☒ the claims:pages NONE, as originally filedpages NONE, as amended (together with any statement) under Article 19pages NONE, filed with the demandpages 18-20, filed with the letter of 21 June 2004 (21.06.2004).☒ the drawings:pages NONE, as originally filedpages NONE, filed with the demandpages 1, filed with the letter of 21 June 2004 (21.06.2004).☐ the sequence listing part of the description:pages NONE, as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).☐ the language of publication of the international application (under Rule 48.3(b)).☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:**☐ contained in the international application in printed form.☐ filed together with the international application in computer readable form.☐ furnished subsequently to this Authority in written form.☐ furnished subsequently to this Authority in computer readable form.☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.**4. ☒ The amendments have resulted in the cancellation of:**☒ the description, pages none☒ the claims, Nos. none☒ the drawings, sheets/fig 1-2**5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\***

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. STATEMENT**

Novelty (N)	Claims <u>1-22</u>	YES
	Claims <u>NONE</u>	NO
Inventive Step (IS)	Claims <u>1-22</u>	YES
	Claims <u>NONE</u>	NO
Industrial Applicability (IA)	Claims <u>1-22</u>	YES
	Claims <u>NONE</u>	NO

**2. CITATIONS AND EXPLANATIONS**

Claims 1-22 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest an AC to Dc power converter coupled to the collar.

NEW CITATIONS

CLAIMS

I claim:

1. (Currently Amended) A power assembly system, comprising:  
a collar unit; and  
an internal power unit, wherein the internal power unit comprises an AC to DC power converter and is coupled to the collar unit.
2. (Original) A power assembly couple, comprising:  
the power assembly system of claim 1; and  
a meter base assembly, wherein the meter base assembly is coupled to the power assembly system to form the power assembly couple.
3. (Original) The power assembly couple of claim 2, wherein the meter base assembly comprises a meter base and a meter.
4. (Original) The power assembly couple of claim 2, wherein the meter base assembly is located outdoors.
5. (Original) The power assembly couple of one of claims 2 or 4, wherein the meter base assembly is coupled to a residential location.
6. (Original) The power assembly couple of claim 2, wherein the meter base assembly measures metered electricity.
7. (Original) The power assembly of claim 1, wherein the collar unit is ejection molded.
8. (Original) The power assembly of claim 1, wherein the collar unit protects the internal power unit.
9. (Original) The power assembly of claim 8, wherein the collar unit protects the internal power unit from environmental conditions.
10. (Original) The power assembly couple of claim 2, wherein the couple further comprises an external electronic component.
11. (Currently Amended) A method of forming a power assembly system, comprising:

- providing a collar unit,
- providing an internal power unit, wherein the internal power unit comprises an AC to DC power converter; and
- coupling the collar ~~[[until]]~~ unit to the internal power unit.
12. (Original) A method of forming a power assembly couple, comprising:
- providing the power assembly system of claim 11,
- providing a meter base assembly; and
- coupling the power assembly system with the meter base assembly to form the power assembly couple.
13. (Original) The method of claim 11, further comprising coupling the power assembly couple to an external electronic component.
14. (Original) The method of claim 12, wherein the external electronic component comprises a circuit board.
15. (Original) The method of claim 12, wherein the meter base assembly comprises a meter base and a meter.
16. (Original) The method of claim 12, wherein the meter base assembly is located outdoors.
17. (Original) The method of one of claims 12 or 16, wherein the meter base assembly is coupled to a residential location.
18. (Original) The method of claim 12, wherein the meter base assembly measures metered electricity.
19. (Original) The method of claim 11, wherein the collar unit is ejection molded.
20. (Original) The method of claim 11, wherein the collar unit protects the internal power unit.
21. (Original) The method of claim 20, wherein the collar unit protects the internal power unit from environmental conditions.

22. (Original) The method of claim 12, wherein the couple further comprises an external electronic component.

AMENDED SHEET

1/1

FIG. 1

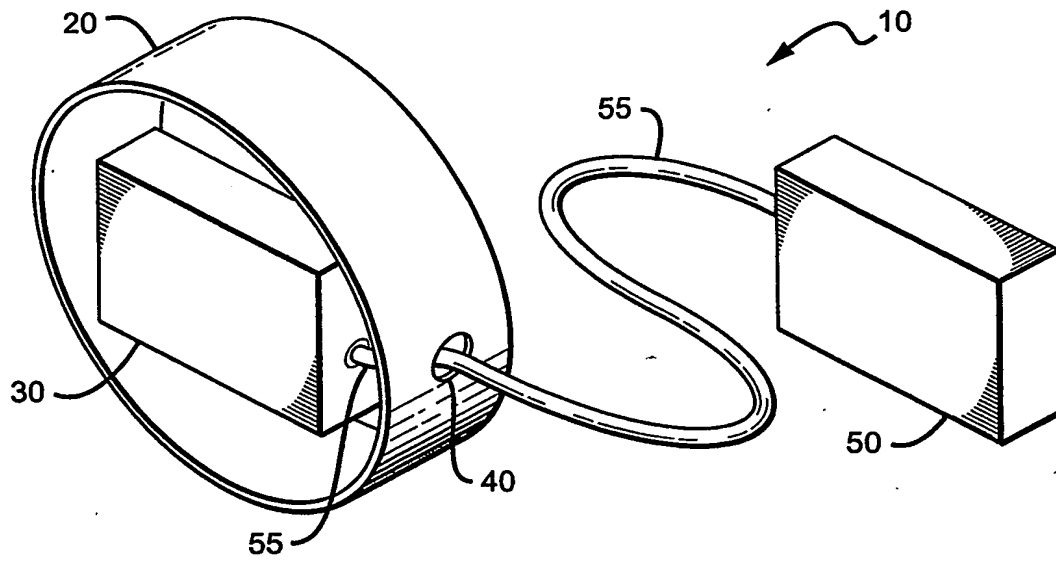


FIG. 2

